

09986115_LIST

PLUS Search Results for S/N 09986115, Searched August 15, 2003

6377695
6553124
6324294
6342831
6198831
6580799
6327369
6278787
6058196
6169809
6266426
6192136
6332029
6282298
6442282
6215881
6215881
6247551
6443586
4484037
6151402
6519347
6031926
6188775
6215882
6215882
6333575
5940347
6456723
6546106
4584879
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4770626
4909731
5015171
4992997
6150733
5010320
6087992
4397188
5616865
6014899
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5823467
6478109
5396891

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6003766
6144746
6181799
6201878
6243473
6285770
6304661
6307942
6320967
6351542
6359991
6389935
6399870
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6343133
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6372066
6441517
4332986
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6427016
6522760
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4300022
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4107479
6301973
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5231337
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6362619

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6046548
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5582515
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6312393
6423001
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4470314
5782610
5299175
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5195070
6079698
5303210
6148672
6035720
4924706
5317917
5811943
4107643
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5012148
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5493200
5495163

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4275521
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4383134
4387787
4609842
4900167
5285166
5749433
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5476002
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6169520
5612495
5668458
6061027
6257063
6417598
6603216
5511132
5869770
4806814
4303017
4482827
4570094
4603344
5023540
5283130
5424593
5631093
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5912515
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5465897
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4609909
5879314
4450729
5656882
5687462
6069433
4987601
5319610

09986115_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09986115 on August 15, 2003

32	381/152	(26 OR, 6 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/152	.Driven diverse static structure (e.g., wall, sounding board)
25	381/431	(4 OR, 21 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/423	..Specified diaphragm shape or structure
	381/431	...Flat
20	381/423	(3 OR, 17 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/423	..Specified diaphragm shape or structure
13	381/398	(3 OR, 10 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/396	.Electromagnetic (e.g., dynamic)
	381/398	..Having diaphragm support feature
10	381/190	(0 OR, 10 XR)
	Class	381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/190	.Electrostrictive, magnetostrictive, or piezoelectric
9	73/579	(7 OR, 2 XR)
	Class	073 : MEASURING AND TESTING
	73/570	VIBRATION
	73/579	.Resonance, frequency, or amplitude study
9	181/156	(4 OR, 5 XR)
	Class	181 : ACOUSTICS

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- | | | | |
|---|---------|--------------|---|
| | 181/148 | | DIAPHRAGM AND ENCLOSURE |
| | 181/156 | | .Reflex baffle |
| 9 | 381/425 | (1 OR, 8 XR) | |
| | Class | 381 : | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES |
| | 381/150 | | ELECTRO-ACOUSTIC AUDIO TRANSDUCER |
| | 381/396 | | .Electromagnetic (e.g., dyynamic) |
| | 381/423 | | ..Specified diaphragm shape or structure |
| | 381/424 | | ...Plural portions or sections |
| | 381/425 | |Honeycomb |
| 8 | 322/10 | (8 OR, 0 XR) | |
| | Class | 322 : | ELECTRICITY: SINGLE GENERATOR SYSTEMS |
| | 322/10 | | WITH PHYSICAL STARTING AND/OR STOPPING OF THE GENERATOR |
| 7 | 181/167 | (0 OR, 7 XR) | |
| | Class | 181 : | ACOUSTICS |
| | 181/157 | | DIAPHRAGM |
| | 181/167 | | .Critically defined material or coating |
| 7 | 310/68D | (3 OR, 4 XR) | |
| | Class | 310 : | ELECTRICAL GENERATOR OR MOTOR STRUCTURE |
| | 310/10 | | DYNAMOELECTRIC |
| | 310/40R | | .Rotary |
| | 310/66 | | ..With other elements |
| | 310/68R | | ...Electric circuit elements |
| | 310/68D | |Conversion elements, (e.g., transformers, rectifiers, etc.) |
| 6 | 181/106 | (2 OR, 4 XR) | |
| | Class | 181 : | ACOUSTICS |
| | 181/101 | | GEOPHYSICAL OR SUBSURFACE EXPLORATION |
| | 181/102 | | .Well logging |
| | 181/106 | | ..Seismic wave generation |
| 6 | 181/148 | (0 OR, 6 XR) | |
| | Class | 181 : | ACOUSTICS |
| | 181/148 | | DIAPHRAGM AND ENCLOSURE |
| 6 | 181/155 | (2 OR, 4 XR) | |
| | Class | 181 : | ACOUSTICS |
| | 181/148 | | DIAPHRAGM AND ENCLOSURE |
| | 181/155 | | .Reflector baffle |
| 6 | 181/173 | (1 OR, 5 XR) | |
| | Class | 181 : | ACOUSTICS |

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	181/157	DIAPHRAGM
	181/173	.Particular shape
6	343/700MS	(4 OR, 2 XR)
	Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
	343/700R	ANTENNAS
	343/700MS	.Microstrip
5	73/664	(4 OR, 1 XR)
	Class 073	: MEASURING AND TESTING
	73/570	VIBRATION
	73/662	.Vibrator
	73/663	..Table, platform, or other support
	73/664	...Circuitry
5	181/163	(0 OR, 5 XR)
	Class 181	: ACOUSTICS
	181/157	DIAPHRAGM
	181/163	.Plural dependent diaphragms
5	181/199	(0 OR, 5 XR)
	Class 181	: ACOUSTICS
	181/175	SOUND-MODIFYING MEANS
	181/198	.Housing or enclosure (e.g., sound confining and absorbing)
	181/199	..Speaker type
5	310/334	(0 OR, 5 XR)
	Class 310	: ELECTRICAL GENERATOR OR MOTOR STRUCTURE
	310/300	NON-DYNAMOELECTRIC
	310/311	.Piezoelectric elements and devices
	310/328	..With mechanical energy coupling means
	310/334	...Acoustic wave type generator or receiver
5	343/701	(4 OR, 1 XR)
	Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
	343/700R	ANTENNAS
	343/701	.Having electric space discharge device
5	381/162	(0 OR, 5 XR)
	Class 381	: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
	381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
	381/162	.Detail of mechanical vibration coupling to transducer (e.g., tuned vibrating element)
5	381/386	(2 OR, 3 XR)
	Class 381	: ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS

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AND DEVICES

381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386	.Mounting or support feature of housed loudspeaker
5 381/396	(2 OR, 3 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dynamic)
5 381/408	(2 OR, 3 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dynamic)
381/400	..Movable voice coil
381/408	...Pattern
4 181/102	(1 OR, 3 XR)
Class 181 :	ACOUSTICS
181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/102	.Well logging
4 181/144	(1 OR, 3 XR)
Class 181 :	ACOUSTICS
181/144	PLURAL DIAPHRAGM SOUND SOURCES
4 181/152	(2 OR, 2 XR)
Class 181 :	ACOUSTICS
181/148	DIAPHRAGM AND ENCLOSURE
181/152	.With horn
4 181/171	(0 OR, 4 XR)
Class 181 :	ACOUSTICS
181/157	DIAPHRAGM
181/171	.Mounting or suspension means
4 181/292	(0 OR, 4 XR)
Class 181 :	ACOUSTICS
181/175	SOUND-MODIFYING MEANS
181/284	.Sound absorbing panels
181/290	..Multilayer panel or wall structure
181/292	...With perforated or porous face and honeycomb-like core
4 343/846	(0 OR, 4 XR)
Class 343 :	COMMUNICATIONS: RADIO WAVE ANTENNAS

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343/700R

ANTENNAS

343/846

.With grounding structure (including
counterpoises)

4 363/145 (0 OR, 4 XR)

Class 363 : ELECTRIC POWER CONVERSION SYSTEMS

363/25With automatic control of the magnitude o

f

output voltage or current

363/144 .With conductive support mounting

363/145 ..Adapted for use with alternators

4 367/912 (0 OR, 4 XR)

Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES

367/911 PARTICULAR WELL-LOGGING APPARATUS

367/912 .Particular transducer

4 381/337 (0 OR, 4 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

381/337 .Having acoustic wave modifying structure

4 381/340 (2 OR, 2 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

381/337 .Having acoustic wave modifying structure

381/339 ..Sound intensifying or spreading element

381/340 ...Horn

4 381/424 (0 OR, 4 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

381/396 .Electromagnetic (e.g., dynamic)

381/423 ..Specified diaphragm shape or structure

381/424 ...Plural portions or sections

4 381/426 (0 OR, 4 XR)

Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES

381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

381/396 .Electromagnetic (e.g., dynamic)

381/423 ..Specified diaphragm shape or structure

381/426 ...Critically defined material or lamination

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- 4 431/1 (3 OR, 1 XR)
 Class 431 : COMBUSTION
 431/1 COMBUSTION BURSTS OR FLARE-UPS IN PULSES OR
 SERIAL PATTERN

- 3 73/643 (0 OR, 3 XR)
 Class 073 : MEASURING AND TESTING
 73/570 VIBRATION
 73/584 .By mechanical waves
 73/596 ..Beamed
 73/632 ...Sonic wave transmitter or receiver
 transducer
 73/643Nonvibrating transducer

- 3 73/861.357 (3 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/861 VOLUME OR RATE OF FLOW
 73/861.351 .Mass flow by imparting angular or transverse
 momentum to the fluid
 73/861.354 ..Coriolis or gyroscopic
 73/861.355 ...Vibrated conduit
 73/861.357Drive and sensor element located on
 straight conduit portion

- 3 122/24 (0 OR, 3 XR)
 Class 122 : LIQUID HEATERS AND VAPORIZERS
 122/23 FLUID FUEL
 122/24 .Explosion

- 3 181/172 (0 OR, 3 XR)
 Class 181 : ACOUSTICS
 181/157 DIAPHRAGM
 181/171 .Mounting or suspension means
 181/172 ..Elastic suspension means

- 3 181/175 (2 OR, 1 XR)
 Class 181 : ACOUSTICS
 181/175 SOUND-MODIFYING MEANS

- 3 181/287 (0 OR, 3 XR)
 Class 181 : ACOUSTICS
 181/175 SOUND-MODIFYING MEANS
 181/284 .Sound absorbing panels
 181/287 ..Movable/foldable panels

- 3 181/288 (0 OR, 3 XR)
 Class 181 : ACOUSTICS
 181/175 SOUND-MODIFYING MEANS

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181/284 .Sound absorbing panels
181/288 ..Cellular

3 257/E25.025 (0 OR, 3 XR)

Class 257 : ACTIVE SOLID-STATE DEVICES

257/E25.001 ASSEMBLIES CONSISTING OF PLURALITY OF
INDIVIDUAL SEMICONDUCTOR OR OTHER SOLID

-STATE DEVICES (EPO)

257/E25.002 .All devices being of same type, e.g.,
assemblies of rectifier diodes (EPO)

257/E25.022 ..Devices having separate containers (EPO)

257/E25.024 ...Semiconductors devices adapted for
rectifying, amplifying, oscillating, or sw

itching,

capacitors, or resistors with at least one
potential-jump

barrier or surface barrier (EPO)

257/E25.025Mixed assemblies (EPO)

3 290/38R (0 OR, 3 XR)

Class 290 : PRIME-MOVER DYNAMO PLANTS

290/7 ELECTRIC CONTROL

290/38R .Electric-starting motor

3 290/46 (0 OR, 3 XR)

Class 290 : PRIME-MOVER DYNAMO PLANTS

290/46 STARTING AND GENERATING DYNAMO

3 310/313R (1 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/300 NON-DYNAMOELECTRIC

310/311 .Piezoelectric elements and devices

310/313R ..Surface acoustic wave devices

3 310/328 (1 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/300 NON-DYNAMOELECTRIC

310/311 .Piezoelectric elements and devices

310/328 ..With mechanical energy coupling means

3 310/366 (0 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

310/300 NON-DYNAMOELECTRIC

310/311 .Piezoelectric elements and devices

310/365 ..Electrode arrangement

310/366 ...More than two

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3 322/29 (0 OR, 3 XR)
 Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 322/17 AUTOMATIC CONTROL OF GENERATOR OR DRIVING MEAN

S

322/29 .Speed or frequency of generator

3 343/767 (0 OR, 3 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/767 .Slot type

3 343/772 (0 OR, 3 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/772 .Wave guide type (e.g., horn)

3 367/140 (0 OR, 3 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/140 SIGNAL TRANSDUCERS

3 381/182 (2 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/182 .Plural or compound reproducers

3 381/186 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/182 .Plural or compound reproducers
 381/186 ..Plural diaphragms

3 381/333 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/332 .And loudspeaker
 381/333 ..With furniture, clothing, or image
 presentation means

3 381/343 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

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381/337	.Having acoustic wave modifying structure
381/339	..Sound intensifying or spreading element
381/340	...Horn
381/343Phase plug
3 381/345	(2 OR, 1 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/337	.Having acoustic wave modifying structure
381/345	..Acoustic enclosure
3 381/388	(0 OR, 3 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386	.Mounting or support feature of housed loudspeaker
381/388	..With furniture, clothing, or image display
3 381/395	(0 OR, 3 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386	.Mounting or support feature of housed loudspeaker
381/395	..Mechanical detail
3 381/397	(1 OR, 2 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/397	..Cooling feature
3 381/399	(1 OR, 2 XR)
Class 381 :	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/150	ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/396	.Electromagnetic (e.g., dyynamic)
381/399	..Conductive diaphragm (e.g., ribbon)
3 432/58	(1 OR, 2 XR)
Class 432 :	HEATING
432/58	WITH HEATING GAS CONVEYING, AGITATING, SCATTERING OR DISINTEGRATION OF WORK (E.G., FLUIDIZED BED, ETC.)

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2 40/124.01 (0 OR, 2 XR)
 Class 040 : CARD, PICTURE, OR SIGN EXHIBITING
 40/124.01 DISPLAY CARD

2 73/11.05 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/11.04 TESTING OF SHOCK ABSORBING DEVICE (E.G.,
 AUTOMOBILE SHOCK ABSORBER, GUN RECOIL APPA
 RATUS, ETC.)
 73/11.05 .Torsional vibration damper

2 73/24.01 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS
 73/24.01 .By vibration

2 73/24.06 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/23.2 GAS ANALYSIS
 73/24.01 .By vibration
 73/24.06 ..Detector detail

2 73/290R (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/290R LIQUID LEVEL OR DEPTH GAUGE

2 73/578 (1 OR, 1 XR)
 Class 073 : MEASURING AND TESTING
 73/570 VIBRATION
 73/577 .Fatigue study
 73/578 ..Electromagnetic drive

2 73/602 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/570 VIBRATION
 73/584 .By mechanical waves
 73/596 ..Beamed
 73/602 ...With signal analyzing or mathematical
 processing

2 73/662 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/570 VIBRATION
 73/662 .Vibrator

2 73/668 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING

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73/570	VIBRATION
73/662	.Vibrator
73/663	..Table, platform, or other support
73/668	...Electromagnetically vibrated
2 73/702	(1 OR, 1 XR)
Class 073	: MEASURING AND TESTING
73/700	FLUID PRESSURE GAUGE
73/702	.Vibration type
2 181/101	(2 OR, 0 XR)
Class 181	: ACOUSTICS
181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
2 181/113	(0 OR, 2 XR)
Class 181	: ACOUSTICS
181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/113	.Seismic wave generation
2 181/142	(0 OR, 2 XR)
Class 181	: ACOUSTICS
181/142	WAVE GENERATION
2 181/145	(0 OR, 2 XR)
Class 181	: ACOUSTICS
181/144	PLURAL DIAPHRAGM SOUND SOURCES
181/145	.Plural chambers
2 181/159	(0 OR, 2 XR)
Class 181	: ACOUSTICS
181/157	DIAPHRAGM
181/159	.With horn
2 181/166	(0 OR, 2 XR)
Class 181	: ACOUSTICS
181/157	DIAPHRAGM
181/166	.With damping means
2 181/177	(1 OR, 1 XR)
Class 181	: ACOUSTICS
181/175	SOUND-MODIFYING MEANS
181/177	.Intensifying horn
2 198/751	(0 OR, 2 XR)
Class 198	: CONVEYORS: POWER-DRIVEN
198/618	CONVEYOR SECTION
198/750.1	.Reciprocating conveying surface
198/751	..With control means responsive to sensor mean

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s

- 2 198/752.1 (0 OR, 2 XR)
 - Class 198 : CONVEYORS: POWER-DRIVEN
 - 198/618 CONVEYOR SECTION
 - 198/750.1 .Reciprocating conveying surface
 - 198/752.1 ..Vibratory conveying member
- 2 307/10.1 (1 OR, 1 XR)
 - Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
 - 307/9.1 VEHICLE MOUNTED SYSTEMS
 - 307/10.1 .Automobile
- 2 310/112 (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/112 ..Plural units, structurally united
- 2 310/114 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/114 ..Plural rotary elements
- 2 310/156.26 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/152 ..Permanent magnet machines
 - 310/156.01 ...Permanent magnet rotor
 - 310/156.08Mounting (such as on a surface of a shaft)
 - 310/156.26Mounted on a bell shape hub
- 2 310/162 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/159 ..A.C.
 - 310/162 ...Synchronous
- 2 310/165 (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary

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310/159 ...A.C.
310/162 ...Synchronous
310/165 D.C. excited

2 310/179 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/40R .Rotary
310/179 ..Windings and core structure

2 310/182 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/10 DYNAMOELECTRIC
310/40R .Rotary
310/179 ..Windings and core structure
310/180 ...Field or excitation windings or structure
310/182 With short-circuited winding or conductor

2 310/313D (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/313R ..Surface acoustic wave devices
310/313B ...Interdigitated electrodes
310/313D Grating or reflector in wave path

2 310/317 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/314 ..Electrical systems
310/317 ...Input circuit for mechanical output from
 piezoelectric element

2 310/330 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/328 ..With mechanical energy coupling means
310/330 ...Bending type

2 310/331 (0 OR, 2 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/328 ..With mechanical energy coupling means
310/330 ...Bending type

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310/331Plural elements

- 2 310/340 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/300 NON-DYNAMOELECTRIC
 - 310/311 .Piezoelectric elements and devices
 - 310/340 ..Encapsulated or coated
- 2 310/36 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/36 .Oscillating
- 2 310/51 (0 OR, 2 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/51 ..Vibration or noise suppression
- 2 318/254 (0 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS
- 2 322/46 (0 OR, 2 XR)
 - Class 322 : ELECTRICITY: SINGLE GENERATOR SYSTEMS
 - 322/44 GENERATOR CONTROL
 - 322/46 .Combined permanent magnet and wound field structure
- 2 324/300 (0 OR, 2 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/300 PARTICLE PRECESSION RESONANCE
- 2 324/303 (2 OR, 0 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/300 PARTICLE PRECESSION RESONANCE
 - 324/303 .Using well logging device
- 2 324/309 (0 OR, 2 XR)
 - Class 324 : ELECTRICITY: MEASURING AND TESTING
 - 324/300 PARTICLE PRECESSION RESONANCE
 - 324/307 .Using a nuclear resonance spectrometer system
 - 324/309 ..To obtain localized resonance within a sampl
- 2 324/642 (0 OR, 2 XR)

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Class 324 : ELECTRICITY: MEASURING AND TESTING
324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES
REPRESENTATIVE OF ELECTRICAL STIMULUS/RE

SPONSE

RELATIONSHIPS

324/629 .Distributive type parameters
324/637 ..Using transmitted or reflected microwaves
324/642 ...Where energy is reflected (e.g.,
reflectometry)

2 333/195 (0 OR, 2 XR)

Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/24R COUPLING NETWORKS
333/186 .Electromechanical filter
333/193 ..Using surface acoustic waves
333/195 ...With wave-modifying means (e.g., reflectors

,
resonators, diffractors, multistrip coupler
s, etc.)

2 333/99PL (0 OR, 2 XR)

Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/99R MISCELLANEOUS
333/99PL .Plasma

2 342/42 (2 OR, 0 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM

2 342/44 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/44 .Unique identity

2 343/771 (0 OR, 2 XR)

Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/767 .Slot type
343/770 ..Plural
343/771 ...With wave guide coupling

2 343/785 (2 OR, 0 XR)

Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/772 .Wave guide type (e.g., horn)
343/785 ..Dielectric type (e.g., polystyrene rod)

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- 2 343/786 (1 OR, 1 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/772 .Wave guide type (e.g., horn)
 343/786 ..With horn
- 2 343/795 (2 OR, 0 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/793 .Balanced doublet - centerfed (e.g., dipole)
 343/795 ..Sheet or wing type
- 2 343/816 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/793 .Balanced doublet - centerfed (e.g., dipole)
 343/810 ..Plural
 343/816 ...With coupling network
- 2 343/829 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/825 .Fractional, multiple, or full wave length
 linear type
 343/829 ..With grounding structure, including
 counterpoises
- 2 343/909 (0 OR, 2 XR)
 Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
 343/700R ANTENNAS
 343/907 .Antenna components
 343/909 ..Refracting means and radio wave energy
 filters (e.g., lenses and polarizers)
- 2 363/37 (0 OR, 2 XR)
 Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
 363/25With automatic control of the magnitude o
 output voltage or current
 363/34 .Including an A.C.-D.C.-A.C. converter
 363/37 ..By semiconductor rectifier and inverter
- 2 367/13 (0 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/13 TESTING, MONITORING, OR CALIBRATING

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- 2 367/138 (2 OR, 0 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/137 TRANSMITTER SYSTEMS
 367/138 .With beam forming, shaping, steering, or
 scanning
- 2 367/143 (1 OR, 1 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/140 SIGNAL TRANSDUCERS
 367/141 .Underwater type
 367/142 ..Exclusive-type transmitter
 367/143 ...Hydraulically driven vibrator
- 2 367/158 (0 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/140 SIGNAL TRANSDUCERS
 367/141 .Underwater type
 367/157 ..Piezoelectric
 367/158 ...Head and tail mass
- 2 367/176 (0 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/140 SIGNAL TRANSDUCERS
 367/141 .Underwater type
 367/176 ..Transducer with resonant or damping structur
- e
- 2 367/82 (2 OR, 0 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/81 WELLBORE TELEMETERING
 367/82 .Through drill string or casing
- 2 381/111 (2 OR, 0 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/111 CIRCUITRY COMBINED WITH SPECIFIC TYPE
 MICROPHONE OR LOUDSPEAKER
- 2 381/173 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER

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- 381/369 .Microphone capsule only
- 381/173 ..Piezoelectric or ferroelectric

- 2 381/184 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/182 .Plural or compound reproducers
 - 381/184 ..Different types of diaphragms

- 2 381/335 (1 OR, 1 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 - 381/332 .And loudspeaker
 - 381/335 ..Plural diaphragms, compartments, or housings

- 2 381/338 (2 OR, 0 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/338 ..With tubular waveguide or resonant element

- 2 381/342 (1 OR, 1 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/339 ..Sound intensifying or spreading element
 - 381/340 ...Horn
 - 381/342Plural horns or diaphragms

- 2 381/349 (1 OR, 1 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/345 ..Acoustic enclosure
 - 381/349 ...Bass reflex (e.g., rear wave)

- 2 381/351 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure

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- 381/345 ..Acoustic enclosure
381/351 ...Plural chambers
- 2 381/387 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/386 .Mounting or support feature of housed
 loudspeaker
 381/387 ..Directional, directible, or movable
- 2 381/401 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/400 ..Movable voice coil
 381/401 ...Multiple voice coils
- 2 381/412 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/412 ..Magnetic circuit
- 2 381/414 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 381/396 .Electromagnetic (e.g., dyynamic)
 381/412 ..Magnetic circuit
 381/414 ...Flux modifying means
- 2 381/71.4 (0 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION
 381/71.4 ..Within cabin or compartment of vehicle
- 2 381/96 (1 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/96 LOUDSPEAKER FEEDBACK
- 2 381/98 (2 OR, 0 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES

381/98

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INCLUDING FREQUENCY CONTROL

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